

Table 1. Commercial sterilizers – sorted by EtO emissions (tpy)

Facility Name	State	City	EPA Regio	TOTAL V2 Max Tract Cancer Risk (in 1 million) (post-hybrid)	v2emis (ton)	Facility Type	Potential applicable NESHAP for risk-driving emissions	HAP Major/ Area Source
Midwest Sterilization Corp	Texas	Laredo	06	100	7.9	commercial sterilizer	O	Area Source
Midwest Sterilization Corp-Jackson	Missouri	Jackson	07	200	3.5	commercial sterilizer	O	Area Source
B BRAUN MED INC/ALLENTOWN	Pennsylvania	ALLENTOWN	03	600	3.3	commercial sterilizer	O	Major Source
C R Bard	Georgia	Covington	04	200	3.0	commercial sterilizer	O	Major Source
Santa Teresa Facility	New Mexico	Santa Teresa	06	200	2.9	commercial sterilizer	O	Major Source
Sterigenics US LLC	Illinois	Willowbrook	05	300	2.8	commercial sterilizer	O	Major Source
Griffith Micro Science Inc	Georgia	Smyrna	04	200	1.6	commercial sterilizer	O	Area Source
Medline Industries Inc Northpoint S	Illinois	Waukegan	05	300	1.5	commercial sterilizer	O	Major Source
TERUMO BCT STERILIZATION SERVIC	Colorado	LAKEWOOD	08	500	1.1	commercial sterilizer	O	Major Source
Edwards Lifesciences Corporation	Puerto Rico	Anasco	02	300	0.7	commercial sterilizer	O	Area Source
Medtronic, Inc., Sterile Systems Op	Michigan	GRAND RAPIDS	05	100	0.6	commercial sterilizer	O	Area Source
Baxter Healthcare Corporation	Arkansas	Mountain Home	06		0.5	commercial sterilizer	O	Area Source
Sterigenics U.S. LLC	North Carolina	Charlotte	04		0.4	commercial sterilizer	O	Major Source
Cook, Incorporated	Indiana	Ellettsville	05		0.3	commercial sterilizer	O	Area Source
INTERNATIONAL STERILIZATION LAB	Florida	GROVELAND	04		0.3	commercial sterilizer	O	Area Source
Baxter Healthcare Corp	Illinois	Round Lake	05		0.3	commercial sterilizer	O	Area Source
Kendall Healthcare Products	Georgia	Augusta	04		0.2	commercial sterilizer	O	Area Source
STERIGENICS US LLC	New York	Queensbury	02		0.1	commercial sterilizer	O	Area Source
Covidien LP (formerly U S Surgical C	Connecticut	New Haven	01		0.1	commercial sterilizer	O	Area Source
Centurion Medical Products	Michigan	HOWELL	05		0.1	commercial sterilizer	O	Area Source
STERIGENICS US INC	California	LOS ANGELES	09		0.1	commercial sterilizer	O	Area Source

Table 2. Hospital sterilizers – sorted by EtO emissions (tpy)

Facility Name	State	City	EPA Region	TOTAL V2 Max Tract Cancer Risk (in 1 million) (post-hybrid)	v2emis (ton)	Facility Type	Potential applicable NESHAP for risk-driving emissions	HAP Major/ Area Source?
Veterans Affairs Medical Hospital	North Car	Durham	04		0.10	hospital sterilizer	WWWWW	Area Source/True Minor
FirstHealth Moore Regional Hospital	North Car	Pinehurst	04		0.09	hospital sterilizer	WWWWW	Area Source/True Minor
Christ Hospital & Medical Center	Illinois	Oak Lawn	05		0.09	hospital sterilizer	WWWWW	Area Source/True Minor
Caromont Health, Gaston Memorial	North Car	Gastonia	04		0.1	hospital sterilizer	WWWWW	Area Source/True Minor
Saint Anthony Hospital	Illinois	Chicago	05		0.1	hospital sterilizer	WWWWW	Area Source/True Minor
Frye Regional Medical Center	North Car	Hickory	04		0.07	hospital sterilizer	WWWWW	Area Source/True Minor
COMMUNITY HOSPITAL	Colorado	GRAND JUNCTION	08		0.06	hospital sterilizer	WWWWW	Area Source/True Minor
Swedish Covenant Hospital	Illinois	Chicago	05		0.1	hospital sterilizer	WWWWW	Area Source/True Minor
NORTH COLORADO MEDICAL CENTER	Colorado	GREELEY	08		0.05	hospital sterilizer	WWWWW	Area Source/True Minor
St Elizabeth Hospital	Illinois	Belleville	05		0.03	hospital sterilizer	WWWWW	Area Source/True Minor
NORWALK HOSPITAL ASSOCIATION	Connectic	NORWALK	01		0.03	hospital sterilizer	WWWWW	Area Source/True Minor
Presence Hospitals PRV dba Presence	Illinois	Kankakee	05		0.02	hospital sterilizer	WWWWW	Area Source/True Minor
CAMC - GENERAL DIVISION	West Virg	CHARLESTON	03		0.01	hospital sterilizer	WWWWW	Area Source/True Minor
ST MARY CORWIN REGIONAL MEDICAL CENTER	Colorado	PUEBLO	08		0.004	hospital sterilizer	WWWWW	Area Source/True Minor
OAKLAND VA MED CTR/PGH	Pennsylva	PITTSBURGH	03		0.002	hospital sterilizer	WWWWW	Area Source/True Minor
WILLIAM BEAUMONT HOSPITAL	Michigan	ROYAL OAK	05		0.001	hospital sterilizer	WWWWW	Area Source/True Minor
MONTEFIORE MEDICAL CTR-111 E 21st St	New York	BRONX	02		0.0005	hospital sterilizer	WWWWW	Area Source/True Minor
Lakeland Medical Center (Former MCH)	Michigan	SAINT JOSEPH	05		0.0004	hospital sterilizer	WWWWW	Area Source/True Minor
V A MEDICAL CENTER	Michigan	ANN ARBOR	05		0.0001	hospital sterilizer	WWWWW	Area Source/True Minor

Table 3. Major source chemical plants – sorted by EtO emissions (tpy)

Facility Name	State	City	EPA Region	TOTAL V2 Max Tract Cancer Risk (in 1 million) (post-hybrid)	v2emis (ton)	Facility Type	Potential applicable NESHA for risk-driving emissions	HAP Major/ Area Source?
Union Carbide Corp - St Charles	Louisiana	Taft	06	2000	15.0	chemical plant	HON	Major
PORT NECHES PLANT	Texas	PORT NECHES	06	300	10.8	chemical plant	HON	Major
TEXAS OPERATIONS	Texas	LONGVIEW	06	200	7.4	chemical plant	HON	Major
BASF Corp - Geismar Site	Louisiana	Geismar	06		7.1	chemical plant	HON/PPP	Major
Sasol Chemicals (USA) LLC - Lake	Louisiana	Westlake	06		6.3	chemical plant	HON	Major
CLEAR LAKE PLANT	Texas	PASADENA	06		5.9	chemical plant	HON	Major
SEADRIFT PLANT	Texas	SEADRIFT	06		5.2	chemical plant	HON	Major
Shell Chemical LP - Geismar Plant	Louisiana	Geismar	06		4.8	chemical plant	HON	Major
BAYPORT UNDERWOOD PLANT	Texas	PASADENA	06		4.0	chemical plant	HON	Major
UNION CARBIDE CORPORATION-INS	West Virg	INSTITUTE	03	400	2.9	chemical plant	PPP	Major
CONROE FACILITY	Texas	CONROE	06		2.7	chemical plant	PPP	Major
Monument Chemical Kentucky LLC	Kentucky	Brandenburg	04		1.9	chemical plant	HON/PPP	Major
The Dow Chemical Co - Louisiana	Louisiana	Plaquemine	06		1.8	chemical plant	HON	Major
VAN DIEST SUPPLY COMPANY	Iowa	WEBSTER CITY	07		1.3	chemical plant	MON	Major
SOLVAY USA INC	South Car	CHARLESTON	04	100	1.0	chemical plant	MON	Major
CHANNELVIEW PLANT	Texas	CHANNELVIEW	06		1.0	chemical plant	HON	Major
UNION CARBIDE CORP -SO CHARLES	West Virg	SOUTH CHARLESTON	03		0.8	chemical plant	PPP	Major
BAYER MATERIALSCIENCE - SOUTH C	West Virg	SOUTH CHARLESTON	03		0.1	chemical plant	HON	Major

Table 4. Area source chemical plants – sorted by EtO emissions (tpy)

Facility Name	State	City	EPA Region	TOTAL V2 Max Tract Cancer Risk (in 1 million) (post-hybrid)	v2emis (ton)	Facility Type	Potential applicable NESHAP for risk-driving emissions	HAP Major/ Area Source?
BCP Ingredients Inc	Louisiana	St. Gabriel	06	2000	2.5	chemical plant	none	Area
BCP INGREDIENTS-VERONA PLANT	Missouri	VERONA	07		1.8	chemical plant	none	Area
Air Products Performance	Louisiana	Reserve	06	100	1.6	chemical plant	none	Area
CRODA INC.	Delaware	NEW CASTLE	03	100	1.3	chemical plant	none	Area
Taminco US Inc	Louisiana	St. Gabriel	06	200	1.1	chemical plant	none	Area
BASF Whitestone Plant	South Car	Whitestone	04		0.5	chemical plant	none	Area
SHELL TECHNOLOGY CENTER	Texas	HOUSTON	06	300	0.5	chemical plant (R&D)	none	Area
Stepan Co	Georgia	Winder	04		0.4	chemical plant	none	Area
Ashland Specialty Ingredients	New Jersey	PARLIN	02		0.4	chemical plant	none	Area
PENFORD PRODUCTS CO	Iowa	CEDAR RAPIDS	07		0.3	chemical plant	none	Area
HOUSTON PLANT	Texas	HOUSTON	06		0.3	chemical plant	none	Area
Pelron Corp	Illinois	Lyons	05		0.2	chemical plant	none	Area
AIR PRODUCTS PERFORMANCE MFG	Wisconsin	Milton	05		0.2	chemical plant	none	Area
ROCKY MOUNTAIN PRESTAIN, LLC	Colorado	COMMERCE CITY AR	08		0.1	chemical plant	none	Area
ADM CLINTON CORN PROCESSING	Iowa	CLINTON	07		0.1	chemical plant	none	Area
Clariant Corporation	North Car	Charlotte	04		0.004	chemical plant	none	Area